



Kişisel Bilgiler

E-posta: emine.altin@inonu.edu.tr

Web: <https://avesis.inonu.edu.tr/emine.altin>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-2187-4036

Yoksis Araştırmacı ID: 120674

Eğitim Bilgileri

Doktora, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2005 - 2011

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2003 - 2005

Lisans, İnönü Üniversitesi, Fen Edebiyat Fakültesi, Fizik, Türkiye 1999 - 2003

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Fizik, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., İnönü Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler, 2023 - Devam Ediyor

Doç. Dr., İnönü Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler, 2022 - 2023

Doç. Dr., İnönü Üniversitesi, Rektörlük, Fizik, 2017 - 2022

Araştırma Görevlisi, Anadolu Üniversitesi, Fen Fakültesi, Fizik, 2005 - 2009

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. Production of V-Doped P2-type Na_{0.67}Mn_{0.5}Fe_{0.43}Al_{0.07}O₂ Cathodes and Investigation of Na-Ion Full Cells Performance**
Altın S., Doğan E., Altundağ S., Altın E.
ENERGY TECHNOLOGY, sa.1, ss.1-14, 2023 (SCI-Expanded)
- II. High-Performance Ag-Doped Na_{0.67}MnO₂ Cathode: Operando XRD Study and Full-Cell Performance Analysis with Presodiated Anode**
Altın S., Özgül M., Altundağ S., Altın E.
ACS APPLIED ENERGY MATERIALS, cilt.1, sa.1, ss.1-12, 2023 (SCI-Expanded)
- III. Production of Pb-doped LiFePO₄ and analysis of their electrochemical performance**
Gültek E., Altundağ S., Altın S., Altın E.

JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, cilt.34, ss.1803, 2023 (SCI-Expanded)

- IV. **Investigation of electrochemical performance of Na-ion batteries by hard carbon anodes produced by biomass of Prunus armeniaca seeds**
Oktay Z. M., Onal Y., Depci T., Altundag S., Altin S., Yaşar S., Altin E.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, cilt.34, ss.1543, 2023 (SCI-Expanded)
- V. **Improved performance of the NaFePO₄/Hardcarbon sodium-ion full cell**
Altundag S., Altin S., yaşar s., Altin E.
VACUUM, cilt.210, ss.111853, 2023 (SCI-Expanded)
- VI. **Elucidating the optimized P2 type Na_{0.67}Mn_{1-x}CuxO₂ cathode active material via operando XAS**
Altin S., Altundağ S., Altin E., Vanpaucke D., Avci S., Ateş M. N.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.936, ss.1-9, 2023 (SCI-Expanded)
- VII. **High-performance electrodes for Li-ion cell: Heteroatom-doped porous carbon/CoS structure and investigation of their structural and electrochemical properties**
Bugday N., ALTIN E., ALTIN S., YAŞAR S.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.46, sa.13, ss.18379-18393, 2022 (SCI-Expanded)
- VIII. **Production of Eu-doped LiFePO₄ by glass-ceramic technique and investigation of their thermal, structural, electrochemical performances**
ALTIN S., Coban M., ALTUNDAĞ S., ALTIN E.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, sa.17, ss.13720-13730, 2022 (SCI-Expanded)
- IX. **Boron-doped porous carbon material derived from ZIF-11: Investigation of cotton fabric supercapacitor and Li-ion battery performances**
Bugday N., ALTIN S., BULUT F., ALTIN E., YAŞAR S.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.46, sa.6, ss.7732-7748, 2022 (SCI-Expanded)
- X. **Investigation of structural and electrochemical performance of Ru-substituted LiFePO₄ cathode material: an improvement of the capacity and rate performance**
Yolun A., ALTIN E., Altundag S., Arshad M., Abbas S. M., ALTIN S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, sa.9, ss.6670-6680, 2022 (SCI-Expanded)
- XI. **Li_{1+x}FePO₄ (x = 0 - 0.5) production from Fe³⁺ sources by glass-ceramic technique with different carbon sources and investigation of structural, thermal and electrochemical performance**
Altin E., Altundağ S., Gültek E., Altin S.
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.586, ss.10-20, 2022 (SCI-Expanded)
- XII. **Improved battery performance of silicon modified Na_{0.67}Fe_{0.5}Mn_{0.5}O₂ and its structural and electrochemical properties: An investigation of infrared thermal imaging**
ALTIN S., Altundag E., ALTIN E., Altundag S.
JOURNAL OF ENERGY STORAGE, cilt.41, 2021 (SCI-Expanded)
- XIII. **Magnetic Properties and Environmental Temperature Effects on Battery Performance of Na_{0.67}Mn_{0.5}Fe_{0.5}O₂**
ALTIN S., BAYRİ A., ALTIN E., Oz E., YAŞAR S., Altundag S., Harfouche M., AVCI S.
ENERGY TECHNOLOGY, cilt.9, sa.5, 2021 (SCI-Expanded)
- XIV. **Investigation of Ti-substitution effects on structural and electrochemical properties of Na(0.67)Mn(0)(.)5Fe(0)(.)5O(2) battery cells**
ALTIN S., Altundag S., ALTIN E., Oz E., Harfouche M., BAYRİ A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.44, sa.14, ss.11794-11806, 2020 (SCI-Expanded)
- XV. **LiNi_{0.8}Co_{0.15}Ti_{0.05}O₂: synthesis by solid state reaction and investigation of structural and electrochemical properties with enhanced battery performance**
Bayri A., Gocer E., Altin E., Altundag S., Oz E., Harfouche M., Altin S., Avci S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.31, sa.22, ss.20527-20538, 2020 (SCI-Expanded)
- XVI. **An investigation of the improvement in energy storage performance of Na(2/3)Mn(1/2)Fe(1/2)O(2) by systematic Al-substitution**

- Altin S., Altundag S., Altin E., Harfouche M., Bayri A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.31, sa.17, ss.14784-14794, 2020 (SCI-Expanded)
- XVII. **Synthesis of Na₂Ti₃O₇ nanorods by a V-assisted route and investigation of their battery performance**
Altin S., Demirel S., Oz E., Altin E., Hetherington C., Bayri A., Avci S.
CRYSTENGCOMM, cilt.22, sa.14, ss.2483-2490, 2020 (SCI-Expanded)
- XVIII. **Fabrication of Cr doped Na_{0.67}Fe_{0.5}Mn_{0.5}O₂ compounds and investigation of their structural, electrical, magnetic and electrochemical properties**
Altin E., Altundag S., Altin S., Bayri A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.30, sa.19, ss.17848-17855, 2019 (SCI-Expanded)
- XIX. **Improving of the battery performance of Dy-substituted LiCoO₂ and investigating the mechanism of the cells**
ALTIN S., ALTUNDAG S., ALTIN E., BAYRI A.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, cilt.23, sa.10, ss.2881-2895, 2019 (SCI-Expanded)
- XX. **Investigations of the capacity fading mechanism of Na(0.44)MnO(2) via ex situ XAS and magnetization measurements**
ALTIN S., OZ E., ALTIN E., DEMIREL S., BAYRI A., AVCI S.
DALTON TRANSACTIONS, cilt.47, sa.47, ss.17102-17108, 2018 (SCI-Expanded)
- XXI. **Structural, magnetic, electrical, and electrochemical properties of Sr-Co-Ru-O: A hybrid-capacitor application**
ALTIN S., BAYRI A., DEMIREL S., ÖZ E., ALTIN E., AVCI S.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, cilt.101, sa.10, ss.4572-4581, 2018 (SCI-Expanded)
- XXII. **Fabrication of Ca-Mn-Nb-O compounds and their structural, electrical, magnetic and thermoelectric properties**
OZ E., DEMIREL S., ALTIN S., ALTIN E., Baglayan O., BAYRI A., AVCI S.
MATERIALS RESEARCH EXPRESS, cilt.5, sa.3, 2018 (SCI-Expanded)
- XXIII. **Structural, magnetic, electrical and electrochemical properties of SrCo_{0.25}, Sr₉Co₂Mn₅O₂₁ and SrMnO₃ compounds**
Demirel S., Oz E., Altin S., Bayri A., Baglayan O., Altin E., Avci S.
CERAMICS INTERNATIONAL, cilt.43, sa.17, ss.14818-14826, 2017 (SCI-Expanded)
- XXIV. **Thermally Induced Spin State Transition in LiCoO₂ and Its Effects on Battery Performance**
Oz E., Demirel S., ALTIN S., ALTIN E., BAYRI A., AVCI S.
ELECTROCHIMICA ACTA, cilt.248, ss.449-453, 2017 (SCI-Expanded)
- XXV. **Electrochemical effects and magnetic properties of B substituted LiCoO₂: Improving Li-battery performance**
OZ E., ALTIN S., DEMIREL S., BAYRI A., ALTIN E., Baglayan O., AVCI S.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.657, ss.835-847, 2016 (SCI-Expanded)
- XXVI. **Enhancement of battery performance of LiMn₂O₄: correlations between electrochemical and magnetic properties**
DEMIREL S., OZ E., ALTIN S., BAYRI A., ALTIN E., AVCI S.
RSC ADVANCES, cilt.6, sa.49, ss.43823-43831, 2016 (SCI-Expanded)
- XXVII. **Growth mechanism and magnetic and electrochemical properties of Na_{0.44}MnO₂ nanorods as cathode material for Na-ion batteries**
DEMIREL S., OZ E., ALTIN E., ALTIN S., BAYRI A., Kaya P., Turan S., Avci S.
MATERIALS CHARACTERIZATION, cilt.105, ss.104-112, 2015 (SCI-Expanded)
- XXVIII. **Magnetic and thermoelectric properties of B-substituted NaCoO₂**
ALTIN E., OZ E., DEMIREL S., BAYRI A.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.119, sa.3, ss.1187-1196, 2015 (SCI-Expanded)
- XXIX. **An enhancement ZT and spin state transition of Ca₃Co₄O₉ with Pb doping**

- DEMİREL S., ALTIN E., OZ E., ALTIN S., BAYRİ A.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.627, ss.430-437, 2015 (SCI-Expanded)
- XXX. **Thermoelectric and mechanical properties of Mg-Al-Sb alloys**
ALTIN E., OZ E., ERDEM M., DEMİREL S., Aydogdu Y., ALTIN S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.26, sa.2, ss.1023-1032, 2015 (SCI-Expanded)
- XXXI. **Thermal and mechanical properties of La-Al-Sb alloys**
ALTIN E., OZ E., DEMİREL S., ERDEM M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.25, sa.12, ss.5331-5337, 2014 (SCI-Expanded)
- XXXII. **Enhanced thermoelectric properties induced by chemical pressure in Ca₃Co₄O₉**
DEMİREL S., Avci S., ALTIN E., ALTIN S., YAKINCI M. C.
CERAMICS INTERNATIONAL, cilt.40, sa.4, ss.5217-5222, 2014 (SCI-Expanded)
- XXXIII. **Vortex pinning and magnetic peak effect in Eu(Eu,Ba)(_{2.125})Cu₃O_x**
ALTIN E., GOKHFELD D. M., DEMİREL S., OZ E., KURT F., ALTIN S., YAKINCI M. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.25, sa.3, ss.1466-1473, 2014 (SCI-Expanded)
- XXXIV. **MgB₂ thin film fabrication with excess Mg by sequential e-beam evaporation and transport properties under magnetic fields**
ALTIN E., KURT F., ALTIN S., YAKINCI M. C., YAKINCI Z. D.
CURRENT APPLIED PHYSICS, cilt.14, sa.3, ss.245-250, 2014 (SCI-Expanded)
- XXXV. **J(c) enhancement and flux pinning of Se substituted YBCO compound**
YAKINCI Z. D., GOKHFELD D. M., ALTIN E., KURT F., ALTIN S., DEMİREL S., AKSAN M. A., YAKINCI M. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.12, ss.4790-4797, 2013 (SCI-Expanded)
- XXXVI. **Physical, electrical, transport and magnetic properties of Nd(Ba,Nd)(_{2.1})Cu₃O_{7-delta} system**
ALTIN E., GOKHFELD D. M., KURT F., YAKINCI Z. D.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.12, ss.5075-5084, 2013 (SCI-Expanded)
- XXXVII. **3D like vortex behavior and the thermally activated flux flow mechanism in (Hg_{0.8}Re_{0.2})Ba₂Ca₂Cu₃O_x superconducting films**
YAKINCI Z. D., ALTIN E.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.10, ss.3660-3667, 2013 (SCI-Expanded)
- XXXVIII. **Dark current and optical properties in asymmetric GaAs/AlGaAs staircase-like multi quantum well structure**
ALTIN E., HOŞTUT M., Ergun Y.
INFRARED PHYSICS & TECHNOLOGY, cilt.58, ss.74-79, 2013 (SCI-Expanded)
- XXXIX. **Hysteresis loops of MgB₂ + Co composite tapes**
ALTIN E., GOKHFELD D. M., KOMOGORTSEV S. V., ALTIN S., YAKINCI M. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.4, ss.1341-1347, 2013 (SCI-Expanded)
- XL. **Barrier lowering effect and dark current characteristics in asymmetric GaAs/AlGaAs multi quantum well structure**
ALTIN E., HOŞTUT M., Ergun Y.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.105, sa.4, ss.833-839, 2011 (SCI-Expanded)
- XLI. **Power Law Dependence of I-V Characteristics of Bi-2212 Whiskers at Low Magnetic Fields**
ALTIN S., ALTIN E., AKSAN M. A., BALCI Y., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.223-227, 2011 (SCI-Expanded)
- XLII. **Effect of Bi₂O₃ Addition on the Single-Crystal BiSrCaCuO Whisker Growth**
ALTIN S., AKSAN M. A., ALTIN E., BALCI Y., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.331-339, 2011 (SCI-Expanded)
- XLIII. **The effect of Mo addition on the microstructure and J(c) properties of MgB₂ tapes fabricated by PIT method**

Bayazit E., ALTIN S., YAKINCI M. C., AKSAN M. A., BALCI Y.

JOURNAL OF ALLOYS AND COMPOUNDS, cilt.457, ss.42-46, 2008 (SCI-Expanded)

XLIV. Magnetoresistance properties of Co-added MgB₂ tapes prepared by PIT method

BAYAZIT E., YAKINCI M. E., BALCI Y., AKSAN M. A.

PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.460, ss.610-611, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Magnetic Properties of Eu³⁺ ions for different surroundings: An investigation of the spin-orbit coupling in the structures

ALTIN E., BAYRI A.

chemistry research journal, cilt.4, sa.5, ss.18-22, 2019 (Hakemli Dergi)

II. KIZILÖTESİ SENSÖRLERİN SAĞLIK ALANINDAKİ UYGULAMALARI

ALTIN E., DEMİREL S.

inönü Üniversitesi Sağlık Hizmetleri Meslek Yüksekokulu Dergisi, cilt.5, sa.8, ss.4-19, 2016 (Hakemli Dergi)

III. Giant Dielectric Constant and Mechanical Heat Conducting and Structural Properties of Dental Composites by adding Ca ions

KAMALAK H., ERDEM M., ALTIN E., DEMİREL S., OZ E., ALTIN S.

Journal of Dentistry and Orofacial Surgery, 2016 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. New Cu-Al Based Quaternary and Quinary High Temperature Shape Memory Alloy Composition Systems

Karaduman O., Ozkul I., Altin S., Altin E., Baglayan O., Canbay C. A.

34th International Physics Congress (IPS) of the Turkish-Physical-Society (TPS), Konacik, Türkiye, 5 - 09 Eylül 2018, cilt.2042

II. In situ MgB₂ Thin Film Fabrication on Commercial Ni tapes by e beam Evaporation and their electrical performance

ALTIN E.

Science and Application of Thin Films, Conference & Exhibition (SATF 2016), 19 - 23 Eylül 2016

III. Effects of boron substitution on structure and morphology of NaMn₂O₄ nanorods

AVCI S., DEMİREL S., OZ E., ALTIN E., ALTIN S., BAYRI A.

12th Nanoscience and Nanotechnology conference, NanoTr-12, 3 - 05 Haziran 2016

IV. Battery performance and structural properties of boron substituted Li- ion batteries

Öz E., Demirel S., Altın E., Altın S., Özdemir M., Öner Y., Boyraz C., Avcı S.

18th International Microscopy Congress, Praha, Çek Cumhuriyeti, 7 - 12 Eylül 2014, ss.111

V. Microstructural characterization of Na_{0.44}MnO₂ nanorods as a cathode material for Na- ion batteries

Kaya P., Demirel S., Öz E., Altın E., Altın S., Bayri A., Avcı S., Turan S.

International Microscopy Congress, Praha, Çek Cumhuriyeti, 7 - 12 Eylül 2014, ss.110

VI. The fabrication of B substituted Na₄Mn₉O₁₈ nanorods and their structural properties

Demirel S., Avcı S., Altın E., Öz E., Altın S.

NanoTR 10, İstanbul, Türkiye, 17 - 21 Haziran 2014, ss.341

VII. Magnetic properties of Na_{0.44}MnO₂ nanorods

Demirel S., Öz E., Avcı S., Altın E., Altın S., Bayri A.

NanoTR 10, İstanbul, Türkiye, 17 - 21 Haziran 2014, ss.337

VIII. Evaluation of average grain size and microstrain in Li Co_{1-x}B_xO₂ cathode materials by the Williamson- Hall method

- Öz E., Avcı S., Demirel S., Altın E., Altın S.
4th National Crystallographic Meeting with International Participation,, Diyarbakır, Türkiye, 17 Mayıs 2014, ss.30
- IX. **Jc enhancement and magnetic properties of Se substituted Yba₂Cu₃O_x**
Altın E., Altın S., Kurt F., Demirel S., Çırak Z. D., Aksan M. A., Yakıncı M. E.
Asian Conference on Applied Superconductivity and Cryogenics, Nevşehir, Türkiye, 23 - 25 Ekim 2013, ss.166
- X. **MgB₂ thin film fabrication with e- beam evaporation and improvement critical current density**
Kurt F., Altın E., Çırak Z. D., Altın S., Yakıncı M. E.
7th Asian Conference on Applied Superconductivity and Cryogenics, Nevşehir, Türkiye, 23 Ekim 2013, ss.17
- XI. **Na_{0.44}MnO₂ nanorods as a cathode material for Na- ion batteries**
Demirel S., Öz E., Altın E., Altın S., Yakıncı M. E., Avcı S.
NanoTr-9, Erzurum, Türkiye, 24 - 28 Haziran 2013, ss.234
- XII. **Power Law Dependences on I V of Bi 212 Whiskers at Low Magnetic fields**
ALTIN S., AKSAN M. A., BALCI Y., ALTIN E., YAKINCI M. E.
2 nd International Conference On Superconductivity and Magnetism Antalya, Turkey, 2010, 28 - 30 Mayıs 2010
- XIII. **Normal state electronic properties under applied magnetic fields of whiskers fabricated by Bi Ga and Sb doping**
ALTIN S., AKSAN M. A., BALCI Y., ALTIN E., YAKINCI M. E.
2 nd International Conference On Superconductivity and Magnetism Antalya, Turkey, 2010, 28 - 30 Mayıs 2010
- XIV. **Çökeltme Yöntemi Kullanılarak MgB₂ Kalın Filmlerin Hazırlanması ve Karakterizasyonu**
YAKINCI Z. D., ALTIN E., türk n., ALTIN S., ÖZABACI M., AKSAN M. A., BALCI Y., YAKINCI M. E.
II. Ulusal Bor Çalıştayı, Ankara, 2008, Türkiye, 20 - 22 Haziran 2008
- XV. **Dip Coating Yöntemi İle Şerit MgB₂ Süperiletkenlerin Eldesi ve Karakterizasyonu**
ÖZABACI M., ALTIN S., gülşah K., YAKINCI Z. D., ALTIN E., AKSAN M. A., BALCI Y., YAKINCI M. E.
II. Ulusal Bor Çalıştayı, Ankara, 2008, Türkiye, 13 - 15 Haziran 2008
- XVI. **Magnetoresistance properties of Co added MgB₂ tapes prepared by PIT method**
ALTIN E., BALCI Y., AKSAN M. A., YAKINCI M. E.
8th International Conference on Materials and Mechanisms of Superconductivity and High Temperature Superconductors, Dresden (Germany), 9 - 14 Temmuz 2006
- XVII. **Magnetic Properties of Mo Substituted MgB₂ Superconductor Tapes**
ALTIN E., AKSAN M. A., YAKINCI M. E., ALTIN S.
6th International Conference of The Balkan Physical Union, 6 - 08 Temmuz 2006
- XVIII. **Co Katkılı MgB₂ Süperiletken Sistem**
ALTIN E., BALCI Y., AKSAN M. A., YAKINCI M. E.
III. Ulusal Yüksek Sıcaklık Süperiletkenler Sempozyumu, BOLU, Türkiye, 20 - 22 Haziran 2005

Desteklenen Projeler

Altın E., Aktaş A., Erdemoğlu M., Turan M. D., Bulut F., Ateş N., TÜBİTAK Projesi, Yerli Kaynaklardan Yüksek Safılıkta Elde Edilmiş Mangan(IV)Oksitten Li-İyon Bataryalarda Anot Malzemesi Olarak Kullanılmak Üzere Üretilen MgO/MnO₂ Yapılarının Araştırılması, 2024 - 2026

ALTIN S., ALTIN E., Yükseköğretim Kurumları Destekli Proje, İyon Değişimre Yöntemi İle NaFePO₄ üretimi ve elektrokimyasal özelliklerinin araştırılması, 2021 - 2022

BAYRİ A., BULUT F., ALTIN S., ALTIN E., ADIGÜZEL H. İ., Yükseköğretim Kurumları Destekli Proje, Na-iyon piller için demir-krom içeren elektrot geliştirilmesi, 2018 - 2019

ALTIN S., ÖNAL Y., DEMİREL S., BAYRİ A., YAŞAR S., ALTIN E., BULUT F., Yükseköğretim Kurumları Destekli Proje, Şarj edilebilir mini/mikro-pil üretimi ve elektrokimyasal performanslarının belirlenmesi, 2017 - 2019

ALTIN E., Yükseköğretim Kurumları Destekli Proje, YENİDEN DOLDURULABİLİR Na-PİLLERDE YENİ ANOT MALZEMELERİNİN ARAŞTIRILMASI, 2016 - 2017

ALTIN E., Yükseköğretim Kurumları Destekli Proje, Mg BAZLI ALAŞIMLARDA KİMYASAL BASINÇ DEĞİŞİMİNİN TERMOELEKTRİK VE MEKANİK ÖZELLİKLERE ETKİSİNİN ARAŞTIRILMASI, 2015 - 2016

ALTIN E., TÜBİTAK Projesi, Bor Katkılı Yeni Teknoloji Na-Ion Pillerin Tasarlanması Ve Performanslarının İncelenmesi, 2012 - 2014

ALTIN E., TÜBİTAK Projesi, Merdiven Kuyulu GaAs/GaAlAs foto-algılayıcılar, 2006 - 2009

Patent

Altın S., Bayri A., Altın E., Demirel S., Primer Tipi Sodyum Hipofosfit Pil Dizaynı, Patent, BÖLÜM G Fizik, Buluşun Tescil No: TR 2017 22861 B , Standart Tescil, 2022

Altın S., Demirel S., Bayri A., Avcı S., Altın E., Öz E., Yüksek Kapasiteli ve Uzun ömürlü Li-yon Ve Na-yon Pil ve Bu Pillerde Kullanılan Katot Materyali Üretim Yöntemi, Patent, BÖLÜM G Fizik, Buluşun Tescil No: TR 2015 04382 B , Standart Tescil, 2019

Bilimsel Hakemlikler

CHEMICAL ENGINEERING JOURNAL, SCI Kapsamındaki Dergi, Ocak 2022

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Kasım 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Eylül 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Haziran 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Mart 2020

Metrikler

Yayın: 65

Atf (WoS): 175

Atf (Scopus): 163

H-İndeks (WoS): 7

H-İndeks (Scopus): 7

Ödüller

ALTIN E., 2003 Yılı İnönü Üniversitesi Fen Edebiyat Fakültesi Fizik Bölümü Birinciliği, İnönü Üniversitesi, Haziran 2003